BRUHATH BANGALORE MAHANAGARA PALIKE,
DASARAHALLI ZONE
Office of the Executive Engineer Dasarahalli Division

Schedule - B

BBMP/2021-22/OW/WORK_INDENT50418

NAME OF WORK: Construction of Ladies toilets in Government schools in Mallasandra in ward No.13, Shettihalli sub division

Sl. No	Description of work	Unit	Qty	Rates Quoted by Contractor Sri. RAMACHANDRA	
				In Figures (Rs.)	In Words (Rs.)
1	2	3	4	5	6
1	KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. MORTH Specification No. 202 (PWD,SZB,SR,2018-19. Pg No-140, I. No-18.47)	Cum	16.00	1048.59	Rupees One Thousand Forty Eight and Fifty Nine Paise Only
2	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. (PWD SR 2018-19 P.No: 6, I.No.: 2.4)	Cum	39.16	523.71	Rupees Five Hundred Twenty Three and Seventy One Paise Only
3	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (PWD,SZB,SR,2018-19. Pg No -13, I. No-4.3)	Cum	11.03	5950.97	Rupees Five Thousand Nine Hundred Fifty and Ninety Seven Paise Only

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Rates Quoted by Contractor Sri. RAMACHANDRA

Sl. No	Description of work	Unit	Qty	In Figures (Rs.)	In Words (Rs.)
4	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (PWD SR 2018-19 P.No: 25, I.No : 5.6)	Cum	13.76	5360.77	Rupees Five Thousand Three Hundred Sixty and Seventy Seven Paise Only
5	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (PWD SR 2018-19 P.No: 25, I.No.: 5.9)	Cum	12.96	6395.37	Rupees Six Thousand Three Hundred Ninety Five and Thirty Seven Paise Only
6	KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 (PW,P& IWTD SR 2018-19, Pg No 14, Item No. 4.10)	Cum	18.60	6779.12	Rupees Six Thousand Seven Hundred Seventy Nine and Eleven Paise Only
7	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (PWD,SZB,SR,2018-19. Pg No -14, I. No-4.31)	Sqm	47.56	417.57	Rupees Four Hundred Seventeen and Fifty Seven Paise Only

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				In Figures (Rs.)	In Words (Rs.)
8	KSRB 4.6.5 : Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (PWD SR 2018-19 P.No: 16, I.No.: 4.32)	Sqm	49.45	531.88	Rupees Five Hundred Thirty One and Eighty Seven Paise Only
9	KSRB 4.6.3 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including cost of all materials, labour complete as per Specification. Specification No. KBS 4.6.2 (PWD SR 2018-19 P.No: 16, I.No.: 4.30)	Sqm	49.52	513.22	Rupees Five Hundred Thirteen and Twenty One Paise Only
10	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 550 (PWD SR 2018-19 P.No: 18, I.No.: 4.46.3)	MT	2.79	102607.04	Rupees One Lakh Two Thousand Six Hundred Seven and Four Paise Only
11	KSRB 5-14.1 : Providing and constructing load bearing wall with 400x200x150mm solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4 (PWD SR 2018-19 P.No: 27, I.No.: 5.26.1)	Sqm	109.02	1122.08	Rupees One Thousand One Hundred Twenty Two and Seven Paise Only

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Sl. No	Description of work	Unit	Qty	Rates Quoted by Sri. RAMACHA... In Figures (Rs.)	In Words
12	KSRB 5-15: Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200mm having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572 2005 including cost of all materials, labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4 (PWD SR 2018-19 P.No: 27, I.No.: 5.28)	Sqm	47.26	945.95	Rupees Nine Hundred Forty Five and Ninety Five Paise Only
13	KSRB15-3.2 : Providing 12mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (PWD SR 2018-19 P.No: 115, I.No.: 15.10)	Sqm	154.90	237.95	Rupees Two Hundred Thirty Seven and Ninety Four Paise Only
14	KSRB15-3.5 : Providing 15mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (PWD SR 2018-19 P.No: 115, I.No.: 15.13)	Sqm	109.54	257.77	Rupees Two Hundred Fifty Seven and Seventy Seven Paise Only
15	KSRB 7.9 : Providing and fixing M.S.grill work for windows and ventilators using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM complete as per specifications. Specification No. KBS 7.12 (PW,P& IWTD SR 2018-19, Pg No 34, Item No. 7.9)	Sqm	90.72	110.81	Rupees One Hundred Ten and Eighty Paise Only

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Sl. No	Description of work	Unit	Qty	Rates Quoted by Contractor Sri. RAMACHANDRA	
				In Figures (Rs.)	In Words (Rs.)
16	KSRB 14.14-5: Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications for Ceramic tiles 30cm x 60cm 6mm thick on a bed of 20mm thick (PW,P& IWTD SR 2018-19, Pg No 108, Item No. 14.36.4)	Sqm	37.37	1572.31	Rupees One Thousand Five Hundred Seventy Two and Thirty Paise Only
17	KSRB 14.17.2 : Providing skirting, dado, risers of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 - Colour glazed tiles 15x15 cms 6mm thick (PW,P& IWTD SR 2018-19, Pg No 108, Item No. 14.41.1)	Sqm	175.48	1482.49	Rupees One Thousand Four Hundred Eighty Two and Forty Nine Paise Only
18	KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer (PW,P& IWTD SR 2018-19, Pg No 119, Item No. 15.51.2)	Sqm	88.95	104.98	Rupees One Hundred Four and Ninety Seven Paise Only
19	KSRB 13-11.1 : Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications.(For 1000 litre capacity) Specification No.KBS 13.22 (PW,P& IWTD SR 2018-19, Pg No 96, Item No.13.78)	No	1.00	7964.18	Rupees Seven Thousand Nine Hundred Sixty Four and Seventeen Paise Only

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Sl No	Description of work	Unit	Qty	Rates Quoted by Sri. RAMACHANDRA	
				In Figures (Rs.)	In Words
20	Supplying and fixing pressed steel door frames size 125x65 mm manufactured from 1.25mm thick carbon steel or imported steel strips with mitred joints of 900 for door openings and shutters made out of seasoned Honne wood, styles of 30 mm, thick with lock rail of 160 mm, width, top and side rails of 100 mm width and bottom rails of 250 mm width and panel filling with 12mm thick particle board of exterior grade bonded with phenol formal dehide resin and the shutter shall be rot proof, vermin proof, heat resistant guaranteed against shrinkage, warpage and such other defects for a period of 3 years. This shall be as per approved drawings, specification and direction including cost of conveyance, manufacturing, painting with enamel paint 2 coats over primer coat, cost of labour for all items of work, machinery, equipment and all other incidental charges with all lead, lift, loading and unloading etc., complete. The Hollow portion of the frame to be filled with cement concrete 1:2:4.(PWD SR -2018-19 Page 42 & I. No 7.26)	Sqm	3.78	3744.14	Rupees Three Thousand Seven Hundred Forty Four and Fourteen Paise Only
21	KSRB 11-1 : Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580mm with footrests, 100mm S or P trap, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11 (PW,P& IWTD SR 2018-19, Pg No 79, Item No. 12.1)	No	9.00	4089.40	Rupees Four Thousand Eighty Nine and Thirty Nine Paise Only

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Sl. No	Description of work	Unit	Qty	Rates Quoted by Contractor Sri. RAMACHANDRA	
				In Figures (Rs.)	In Words (Rs.)
22	KSRB 11-7.2 : Providing and fixing white vitreous china clay, flat back, lipped front urinal basin of 430x260x350mm in the range of two 7.5 litre P.V.C with automatic flushing cistern, C.I / M.S brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11 (PW,P& IWTD SR 2018-19, Pg No 80, Item No. 12.8)	No	7.00	4858.06	Rupees Four Thousand Eight Hundred Fifty Eight and Five Paise Only
23	KSRB 11-11.1 : Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11. (PW,P& IWTD SR 2018-19, Pg No 82, Item No. 12.23)	No	4.00	4673.76	Rupees Four Thousand Six Hundred Seventy Three and Seventy Six Paise Only
24	KSRB 11-15.3 : Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications. (PW,P& IWTD SR 2018-19, Pg No 84, Item No. 12.41)	No	4.00	1325.03	Rupees One Thousand Three Hundred Twenty Five and Three Paise Only
25	KSRB13-10.4 : Providing and fixing to wall, ceiling and floor unplasticised PVC pipes 10.00 kgf/sq.cm working pressure 32mm outside diameter chemp plast / Wavin or equivalent make with pipe fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.15.4 / 13.9 (PW,P& IWTD SR 2018-19, Pg No 96, Item No. 13.77)	Rmt	50.00	150.36	Rupees One Hundred Fifty and Thirty Five Paise Only

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Sl No	Description of work	Unit	Qty	Rates Quoted by Sri. RAMACH... In Figures (Rs.)	In Words
26	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M 15 as per directions and inclusive of cost of materials and fixtures (Make is inclusive of cost of materials to work spot) 10cms x 7.5cms (PW,P& IWTD SR 2018-19, Pg No 96, Item No. 13.77)	No	12.00	291.60	Rupees Two Hundred Ninety One and Sixty Paise Only
27	KSRB13.9.8 Providing and fixing to wall, ceiling and floor high density polyethelene pipes 6.00 kgf/sq.cm working pressure 140mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.15.2 / 13.9(PW,P& IWTD SR 2018-19, Pg No 96, Item No. 13.73.6)	Rmt	50.00	864.30	Rupees Eight Hundred Sixty Four and Thirty Paise Only
28	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (internal work exposed on wall) - 25mm nominal OD pipes (PW,P& IWTD SR 2018-19, Pg No 98, Item No. 13.85.3)	Rmt	20.00	228.61	Rupees Two Hundred Twenty Eight and Sixty One Paise Only
29	KSRB13-6.1-2 : Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3 (PW,P& IWTD SR 2018-19, Pg No 98, Item No. 13.24)	No	12.00	201.79	Rupees Two Hundred One and Seventy Eight Paise Only
30	Supply and fixing of door frame made of hollow extruded PVC Section (Nandi or Equivalent) having dimension of 40x57mm with the wall thickness of 2mm+/-0.2mm duly reinforced with seasoned wood plank at the hinges side. The door frame top 2corners shall be metric cut/ welded.(PWD SR 2018-19 P.No: 61, I.No.: 9.88)	Rmt	54.00	291.60	Rupees Two Hundred Ninety One and Sixty Paise Only

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Sl No	Description of work	Unit	Qty	Rates Quoted by Contractor Sri RAMACHANDRA	
				In Figures (Rs.)	In Words (Rs.)
31	SOLID PANEL PVC DOOR SHUTTER Providing & fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S. tube of 19 gauge thickness, size 19x19mm for styles and 15x15mm for top & bottom rails, covered with heat moulded PVC channel of 5mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S. Frame, Sealed to the styles & rails with 5x30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75 m.m Aluminium hinges.(PW,P& IWTD SR 2018-19, Pg No 60, Item No. 9.83)	Sqm	17.01	3239.69	Rupees Three Thousand Two Hundred Thirty Nine and Nine Paise Only
32	Geophysical Investigation of site for sinking Borewell for supplying drinking water to the habitation either through a hand pump, Mini Water Supply scheme, or Piped Water Supply Scheme by vertical electrical sounding by adopting venner or Schlumberger's method, including reconnaissance survey of geological formation, geophysical investigation of existing ground water in the vicinity, its quality, quantity & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation incluing an extra depth of 1.0 metre in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site, engaging technical personal and labour required etc., complete as Per Specifications (RDWS SR -2019-20 C-13/I.13.04)	No	1.00	4069.44	Rupees Fou Thousand Sixty Nine an Forty Four Paise Only

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Sl No	Description of work	Unit	Qty	Rates Quoted in SR RAMA... In Figures (Rs.)	In Words
33	Sinking of Borewell at 165mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burden. Fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (Excluding cost of casing pipes, collars, cap etc.,complete) (RDWS G.O. Dt. 02.05.2019 Adoc Rates) C-13 1 No 13.01 For New Borewells(For New Borewells) 0.00 to 50.00 mtr	Rmtr	50.00	374.76	Rupees Three Hundred Seventy Four and Seventy Six Paise Only
34	50.00to 100.00 mtr	Rmtr	50.00	477.36	Rupees Four Hundred Seventy Seven and Thirty Six Paise Only
35	100.00to 150.00 mtr	Rmtr	50.00	492.48	Rupees Four Hundred Ninety Two and Forty Eight Paise Only
36	150.00to 200.00 mtr	Rmtr	50.00	578.88	Rupees Five Hundred Seventy Eight and Eighty Eight Paise Only
37	200.00to 250.00 mtr	Rmtr	50.00	684.72	Rupees Six Hundred Eighty Four and Seventy Two Paise Only
38	PVC Pipes 10kg/sqm 250mm outerdia(PWD SR 2018-19 XXXV/892 Code 3008)	Rmtr	15.00	2379.66	Rupees Two Thousand Three Hundred Seventy Nine and Sixty Six Paise Only

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				In Figures (Rs.)	In Words (Rs.)
39	Supply of ISI mark 175mm nominal bore,Plain end steel casing pipe grade of steel FE-410 of Wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendments, electric resistance welded steel tube material and confirming to IS 1387/1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5 to 7mtrs Both ends threaded confirming to IS 554/1985,one end fixed with socket confirming to IS 4270:2001 and the other end with screwed pipes. All pipes shall be reasonabley free from defects. The tubes shall be reasonably straight should be with ISI Marking ,Weighing 25.10kg/mtr(Inclussive of all Taxes and Duties).(PRED SR 2012-13 1/84)	Rmtr	46.66	1431.00	Rupees One Thousand Four Hundred Thirty One Only
40	Providing & Fixing 175 mm dia MS casing collers(PRED SR 2012-13 1/86)	No	1.00	162.00	Rupees One Hundred Sixty Two Only
41	Providing & Fixing 175 mm dia MS casing Cap(PRED SR 2012-13 1/85)	No	1.00	108.00	Rupees One Hundred Eight Only
42	Providing, supplying to work site,and fixing Submersible Pump Sets of 150mm dia suitable for bore well and confirming to IS 8034:3Phase, SS Bowl & Impeller with Low Volt motor as per specifications as per necessary ammendments and instructions of Engineer in charge of work.(RDWS SR Pg No.91 I No.12.02) a)SI,No-12.02.9 (f)---17.5 HP/26 STG 4Nos for New Borewells & 1 for Additional	No	1.00	84615.84	Rupees Eighty Four Thousand Six Hundred Fifteen and Eighty Four Paise Only
43	Supply and delivery of laying, jointing , testing and commissioning of G.I. Pipes conforming to IS 1239:1990 with latest amendments, including fixing Collars, Elbows, Tees, bends, Glad Cocks and other Fittings (Excluding Cost of Specials) with Cuts and Threads wherever necessary including conveying the materials to workspot, including testing for water tightness with all lead and lifts etc complete (Contractor shall make his own arrangements for procuring water for testing) Class C -Heavy Duty 50mm Dia(RDWS SR 2019-20 Pg No.65 I No.10.04.03 (f))	Rmt	225.00	500.04	Rupees Five Hundred and Four Paise Only

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44	Supply and fixing 50mm dia GI collar Heavy duty (PWD SR 2018-19 pg no. XLVII/2)	No	30.00	194.40	Rupees One Hundred Ninety Four and Forty Paise Only
45	Supplying and Drowing 3 core flat sheated submersible pump cable manufactured with celectrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS 8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 volts as per 1 x 3 x 4 Sqmm of 56 strands 0.3mm dia group-A (PWD Electrical SR 2019-20 P-07/I . No 2.6.4	Rmt	450.00	221.40	Rupees Two Hundred Twenty One and Forty Paise Only
46	Supply and fixing 50mm dia GI Union with ISI mark (PWP & IWTD B.C. 2016-17 = P. No. XXXIX)	No	1.00	241.60	Rupees Two Hundred Forty One and Fifty Nine Paise Only
47	Supply and fixing 50mm dia GI Nipple with ISI mark (PWP & IWTD B.C. 2016-17 = P. No. XXXIX)	No	3.00	112.64	Rupees One Hundred Twelve and Sixty Four Paise Only
48	Supply and delivery at site of brand new best make non-return valve as per IS 778/1984 with ISI Mark and as per its latest amendments 50mm Dia (RDWS SR 2019-20Pg No.96 I No.12.06 (a))	No	1.00	1269.00	Rupees One Thousand Two Hundred Sixty Nine Only
49	Supplying and fixing 50mm dia GI Elbow with ISI mark. (PWD SR 2016-17 = P. No. XXXIX)	No	3.00	120.74	Rupees One Hundred Twenty and Seventy Four Paise Only

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				In Figures (Rs.)	In Words (Rs.)
50	Supplying and delivery at site brand new star/Essen/Lotus/Sun-shines/Adarsh/ G.K.Controls Best Indigenous make combined energy meter-cum-control panel board unit minimum mechanically strong suitable for oparation on 3HP 50HZ 380/440 volts AC supply with spring loaded Latch locking Device with a key Ribbs should be provided. contron panal board unit suitable for operation on 3HP 50HZ 380/440 Volts AC shall be consists Etc. complete the panal board shall be fabricated in single unit in the above components panal board suitable pump set 10HP to 20 HP with star Delta Starter Out Door Panel board Up to 20HP (PWD SR. 2018-19 - P. No. XLVII/13)	No	6.00	22680.00	Rupees Twenty Two Thousand Six Hundred Eighty Only
51	Labour charges for Erection, Electrification and commissioning of Pump sets, including aligning and balancing of all items including supply and erection of two pair of supporting clamps, bore well caps, cable clips and water tight gland cable protectors, bolts, nuts, valve and gauges,tools and equipments etc., involved in the job as per specifications, with necessary tests as per specifications, with testing of as per instructions of engineer incharge of work. (RDWS SR Pg No.97 I No.12.16)	No	1.00	6102.00	Rupees Six Thousand One Hundred Two Only
52	Labour charges for erection of outdoor type panel board and meter board units with all necessary materials and labour, tools and equipments including providing cement concrete foundation bed etc., complete as per specification, with testing of as per instructions of engineer incharge of work. (RDWS SR Pg No.97 I No.12.18)	No	1.00	1293.84	Rupees One Thousand Two Hundred Ninety Three and Eighty Four Paise Only
53	Supplyng of TPST with rewireable porcelain channels in SM incloser 32 amps (Ele SR 2019-20 P-NO24/ I/NO 5.51)	No	1.00	1944.00	Rupees One Thousand Nine Hundred Forty Four Only
54	Supplying and fixing polished wood board made of not less than 15mm thick planks on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs, screws etc.20"x20"x2.50"(Ele SR 20119-20 P-NO24/ I/5.6.6)	No	1.00	315.36	Rupees Three Hundred Fifteen and Thirty Six Paise Only

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				In Figures (Rs.)	In Words (Rs.)
55	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 230/440V A.C.50 Hz 12/24v.D.C (Ele SR 2019-20 P-NO29/ I/NO 5.38)	No	1.00	464.40	Rupees Four Hundred Sixty Four and Forty Paise Only
56	Supplying fixing and wiring heavy duty low voltage capacitors confirming to IS 2834,3phase 400/440 volts grade for power factor improvement of rotating machinaries like induction motor. 2KVAR (Ele SR 2019-20 P NO29 / I/ No 5.37)	No	1.00	432.00	Rupees Four Hundred Thirty Two Only
57	Supplying and fixing miniature circuit breakers on existing MCB, distribution boards using necessary fixing materials and c type curve,indicator ON/OFF,energy cross-3 with short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898 6 to 32amps TPN (ELE-SR OF 2019-20 P-No- 27 I/No-5.17.7)	No	1.00	1852.20	Rupees One Thousand Eight Hundred Fifty Two and Twenty Paise Only
58	Supplying and fixing wiring earth electrode for grounding conduits IC cutouts and other eqipments on the meter board using 40mm dia 2.90mm thick GI-pipe 2.5mtr long burried in a pit. The pit sollowed filled with equal proportions of salt and charcoal 150mm all -round the pipe to complete depth the connection from pipe to the conduit etc. is to be established through GI wire of size as per ISI specification 7.3.3 of IS 732 using 12mm dia bolts, nuts, washers, check nuts, etc., the pipes shall have 16 through holes of 12mm dia (Ele SR 2019-20 P-No 40/No-6.1)	No	1.00	3239.68	Rupees Three Thousand Two Hundred Thirty Nine and Sixty Seven Paise Only
59	Supplying and fixing of A class (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class 40mm dia (Ele SR OF 2019-20 P-No 41 I/6.9.1)	Rmt	4.00	361.80	Rupees Three Hundred Sixty One and Eighty Paise Only
60	Supplying of 1.1KV LT UG cable XPLE or heat resistant PVC Insulated PVC eatruded inner sheath armoured UG LT cable as per IS -1554(Part-1) or IS-7098 Part-1,Armouring strip thickness in average +5% and resistivity 14ohms/kms(max) as per IS -3975 (Ele SR 2019-20 P-No 40 I/No-6.4.4)	Rmt	20.00	162.00	Rupees One Hundred Sixty Two Only

Signature of the Contractor,

Executive Engineer,
Dasarahalli Division,

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Sl. No	Description of work	Unit	Qty	Rates Quoted by Contractor Sri. RAMACHANDRA	
				In Figures (Rs.)	In Words (Rs.)
61	Digging of trench of 0.6 m deep x0.50 mtrs wide refilling the trench to the required ground level and consolidating etc complete (As per Civil SR KSRB I-2,P-7)cutting road surface in hard soil (Ele SR OF 2019-20 P-No41 I/No-6.6.2)	Rmt	20.00	110.16	Rupees One Hundred Ten and Sixteen Paise Only
62	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe/ stone pipe / on wall/ on pole as required 6 sqmm to 16 sqmm. (Ele SR OF 2019-20 P-No 41 I/No-6.5.1)	Rmt	20.00	12.83	Rupees Twelve and Eighty Three Paise Only
63	Supplying and fixing LT cast iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps,. Bolts, nuts & washers etc 16 sqmm (Ele SR 2019-20 P-No42 I/No-6.10.2)	Rmt	3.00	291.60	Rupees Two Hundred Ninety One and Sixty Paise Only
64	Supplying and fixing of porcelain fuse channel with cutout on existing wooden /pannel using necessary nuts, bolts and washers 32amps (Electrical SR 2019-20 P-No24/ I/ No5.7.2)	Rmt	3.00	187.92	Rupees One Hundred Eighty Seven and Ninety Two Paise Only
65	Earthwork excavation for pipeline trenches including depositing on bank upto a lead of 50 mtrs and depth up to 2.00 mtrs. Including shoring and strutting, danger lighting and using sight rails and boning rods at every 100 mtrs. Wherever necessary as directed in the following strata. (Manual Means) In Ordinary Soil (RDWS SR 2019-20 Pg No.07 I No.2.22.1)	Cum	9.45	175.00	Rupees One Hundred Seventy Five Only
66	Providing and installing at site of work P.V.C. pipes including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof including jointing of approved type with all labour charges and all lift charges, handling charges including encasing the pipe around to a depth not less than 15 cms with gravel or selected earth available from the excavation etc. complete.(RDWS SR Pg No.62 I No.10.01) a) 63mm dia 6kg/cm2 (RDWS SR 2019-20 Pg No.62 I No.10.01.2(a)	Rmt	35.00	167.40	Rupees One Hundred Sixty Seven and Forty Paise Only

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Sl. No	Description of work	Unit	Qty	Rates Quoted by Contractor Sri. RAMACHANDRA	
				In Figures (Rs.)	In Words (Rs.)
67	Refilling the basement and pipeline trenches with selected available earth from trench excavation including watering, Consolidation in layers of 15 cm thick including disposing of the surplus earth with all lead & lifts. (Compacting with vibro roller) (RDWS SR 2019-20Pg No.08 I No.2.25)	Cum	9.45	111.24	Rupees One Hundred Eleven and Twenty Four Paise Only
68	Supply and delivery at site of brand new best make gate valve as per IS 778/1984 with ISI Mark and as per its latest amendments (RDWS SR 2019-20 Pg No.95 I No.12.05)a) 50mm Dia	Rmt	1.00	1285.20	Rupees One Thousand Two Hundred Eighty Five and Twenty Paise Only

Ramachandra

the Contractor,

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